

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-14 (Cancelled).

15. (New) An aircraft food chilling system comprising:  
insulated trolleys for chilling food;

a removable unit, for each trolley, that can be inserted in  
and removed from the trolley as a single piece and that can  
produce cold inside the trolley, each removable unit having a  
controllable reversible solid/gas adsorption reactor containing a  
regeneratable adsorbent; and

a means for regenerating the adsorbent, within the removable  
unit associated with each trolley, that is provided on the  
ground, outside the aircraft.

16. (New) The system of claim 15, wherein the trolleys are  
identical and interchangeable and the removable units associated  
with the trolleys are identical and interchangeable.

17. (New) The system of claim 16 further comprising a network of aircraft stopover facilities providing the regenerating means.

18. (New) The system of claim 15 wherein each trolley comprises a means for receiving the associated removable unit.

19. (New) The system of claim 18, wherein the reception means is of a drawer slideway type.

20. (New) The system of claim 18, wherein each removable unit comprises a retention means for cooperating with the reception means on the associated trolley so that the removable unit may be removably fastened within the trolley.

21. (New) The system of claim 20, wherein:  
the reception means is of a drawer slideway type; and  
the retention means is of a slide type and cooperates with the slideway of the corresponding reception means.

22. (New) The system of claim 20, wherein:  
the reactor of each removable unit comprises a chamber containing the adsorbent, a reservoir containing a liquid whose

vapor can be adsorbed by the adsorbent, and a controllable communication between the chamber and the reservoir;

the reservoir comprises a thermally insulating base plate, on opposite sides of which are arranged the chamber and the reservoir; and

the controllable communication runs from one side of the base plate to the other.

23. (New) The system of claim 22, wherein the base plate bears the retention means.

24. (New) The system of claim 22, wherein:

the reception means is of a drawer slideway type; and

the base plate has two parallel opposite edges forming a slide that cooperates with the slideway of the associated trolley's reception means, such that the removable unit may be inserted in and removed from the trolley as a drawer.

25. (New) The system of claim 20, wherein:

the adsorbent may be regenerated by heating; and

each removable unit comprises an electrical resistor for regenerating the adsorbent by heating.

26. (New) The system of claim 22, wherein:  
the adsorbent may be regenerated by heating; and  
the regenerating means comprises an open oven, which is  
closed by the base plate of a removable unit inserted for  
regeneration so that only the chamber containing the adsorbent is  
heated by the oven and the reservoir is shielded from the heat of  
the oven by the base plate.

27. (New) The system of claim 26, further comprising a  
means for cooling the reservoir of the removable unit whose  
adsorbent is undergoing regeneration within the oven.

28. (New) The system of claim 26, wherein the open oven is  
elongate and comprises a means for moving the removable unit  
undergoing regeneration from one end of the oven to the other  
while the adsorbent is regenerated.